

CLAIMS

1.

Ground levelling apparatus arranged to be drawn behind a prime mover and comprising an elongate ground engaging knife edge mounted on a carrier joined to a drawbar arrangement that can be connected to the prime mover, the drawbar arrangement being arranged to position the carrier so that the knife edge is level with a bottom portion of the carrier that is parallel to the knife edge and that bears on the ground as the apparatus is drawn over the ground by the prime mover.

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Apparatus according to claim 1, in which the carrier is of right circular cylindrical cross section.

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Apparatus according to claim 1, in which the carrier is comprised essentially of a right circular cylindrical steel pipe.

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Apparatus according to claim 1, in which the knife edge is incorporated in a cutting edge that is mounted on the carrier.

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5.

Apparatus according to claim 1, in which the bottom portion of the carrier is provided with a wear plate for bearing on the ground.

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6.

Apparatus according to claim 1, in which the drawbar arrangement comprises hitch means located adjacent its forward end for pivotably connecting the drawbar arrangement to a connection on the prime mover, the hitch means being such that carrier can remain on the ground under its own weight while the forward end of the drawbar arrangement undergoes a predetermined degree of pivotal movement in a vertical direction about the connection.

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Apparatus according to claim 6, in which the distance between the knife edge and the connection on the prime mover is at least 12 times as great as the distance between the knife edge and the bottom portion of the carrier.

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Apparatus according to claim 8, in which the knife edge is located between the bottom portion of the carrier and the connection on the prime mover.

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9.

Apparatus according to claim 1, in which the carrier is joined to the drawbar arrangement in such manner as to allow the carrier to be moved relative to the drawbar arrangement between a first working position in which the carrier is disposed athwart the direction of motion of the drawbar arrangement in use, and a second working position in which the carrier is disposed substantially parallel to said direction of motion.

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10.

Apparatus according to claim 9, in which the drawbar arrangement comprises a pair of elongate members each of which, when the apparatus is in use, projects forwardly from the carrier when the drawbar arrangement is in the first working position and has a front end and a rear end, the elongate members being spaced apart adjacent their rear ends where they are each pivotably joined to the carrier and being pivotably joined together adjacent at their front ends, means being provided to enable the elongate members to move into a disposition in which they are close together and close to the carrier when the drawbar arrangement is in the second working position.

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11.

Apparatus according to claim 10, in which one of the elongate members is adjustable in length.

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Apparatus according to claim 10, in which one of the elongate members is telescopically adjustable in length.